



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent of:)	
MANABU OHGA		:	Examiner: Wesner Sajous
White offers		:	Art Unit: 2676
Appln. No.: 09/358,407)	
Filed: July 22, 1999)	
		:	
For:	IMAGE PROCESSING APPARATUS)	
	AND METHOD	:	
)	
U.S. Patent No.: 7,027,067 B1		:	
)	
Issued:	April 11, 2006	:	October 2, 2006

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 Certificate

OCT U.6 2006

Of Correction

CERTIFICATE OF CORRECTION <u>UNDER RULES 322 AND 323</u>

Sir:

It is respectfully requested that a Certificate of Correction be issued by the Patent and Trademark Office due to errors which appear in the printed patent as a result of Patent and Trademark Office mistakes, and mistakes of a clerical, typographical, or minor character, which were not the fault of the Patent and Trademark Office. A Certificate of Correction form, in duplicate, is enclosed.

Accompanying this letter is a check for \$100.000 to cover the statutory fee

01 FC:1811

for such Certificate of Correction.

Patentee's undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our address given below.

Respectfully submitted,

Leonard P. Diana Attorney for Patentee Registration No. 29,296

FITZPATRICK, CELLA, HARPER & SCINTO 30 Rockefeller Plaza
New York, New York 10112-3801
Facsimile: (212) 218-2200

592645v1

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO.

7,027,067 B1

DATED

April 11, 2006

INVENTOR(S) :

MANABU OHGA

Page 1 of 6

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

SHEET 19

FIG. 19, "COLORFULLNESS" should read -- COLORFULNESS--.

SHEET 21

FIG. 21, "RELACTIVE" should read -- REFRACTIVE --.

COLUMN 2

Line 47, "H) < [inverse" should read --H) \rightarrow [inverse--;

Lines 5-10, "
$$\begin{bmatrix}
X2 \\
Y2 \\
Z2
\end{bmatrix} = \begin{bmatrix} \text{inv_Mat} \end{bmatrix} \begin{bmatrix}
\frac{Pw2}{Pw2} & 0 & 0 \\
0 & \frac{Qw2}{QwI} & 0 \\
0 & 0 & \frac{Rw2}{QwI}
\end{bmatrix} \begin{bmatrix}
Mat \begin{bmatrix}
XI \\
YI \\
ZI
\end{bmatrix}$$

(2)" should read

$$\begin{bmatrix} X2 \\ Y2 \\ Z2 \end{bmatrix} = \begin{bmatrix} \text{inv_Mat} \end{bmatrix} \begin{bmatrix} \frac{Pw2}{Pw2} & 0 & 0 \\ 0 & \frac{Qw2}{QwI} & 0 \\ 0 & 0 & \frac{Rw2}{RwI} \end{bmatrix} \begin{bmatrix} Mat \end{bmatrix} \begin{bmatrix} XI \\ YI \\ ZI \end{bmatrix}$$
 (2)

where--; and

Line 28, "where" should be deleted.

MAILING ADDRESS OF SENDER:

PATENT NO. US 7,027,067 B1

FITZPATRICK, CELLA, HARPER & SCINTO 30 Rockefeller Plaza New York, New York 10112-3801 (212) 218-2100 - Telephone (212) 218-2200 - Facsimile

DET 1 1 2000

No. of add'l. copies @ 30¢ per page

Form PTO 1050 (Rev. 3-82)

592645v1

 \Rightarrow ____

PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO.

7,027,067 B1

DATED

April 11, 2006

INVENTOR(S) :

MANABU OHGA

Page 2 of 6

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 4

Line 25, "calorimetric" should read --colorimetric--.

COLUMN 8

Line 17, "calorimetric" should read --colorimetric--;

Line 19, "calorimetric" should read --colorimetric--; and

Line 23, "calori-" should read --colori---.

COLUMN 9

Line 19, "calorimetric" should read --colorimetric--

Line 33, "calorimetric" should read --colorimetric--;

Line 37, "calorimetric" should read --colorimetric--; and

Line 53, "XYz" should read --XYZ--.

COLUMN 10

Line 41, "illuminance" (second occurrence) should read -- "illuminance--; and

Line 42, "level 2)." should read --level 2").--.

COLUMN 11

Line 11, "calorimetric" should read --colorimetric--;

Line 16, "calorimetric" should read --colorimetric--; and

Line 20, "calori" should read --colori---.

MAILING ADDRESS OF SENDER:

PATENT NO. <u>US 7,027,067 B1</u>

FITZPATRICK, CELLA, HARPER & SCINTO 30 Rockefeller Plaza
New York, New York 10112-3801
(212) 218-2100 - Telephone

(212) 218-2100 - Telephone (212) 218-2200 - Facsimile

Form PTO 1050 (Rev. 3-82)

'DET 1 1 2005



No. of add'l, copies

@ 30¢ per page

PRINTER'S TRIM LINE Staple Here Onlyl

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO.

7,027,067 B1

DATED

April 11, 2006

INVENTOR(S) :

MANABU OHGA

Page 3 of 6

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 12

Line 32, "calorimetric" should read --colorimetric--; and

Line 51, "calorimetric" should read --colorimetric--.

COLUMN 14

Line 26, "calorimetric" should read --colorimetric--

Line 29, "calorimetric" should read --colorimetric--;

Line 31, "calorimetric" should read --colorimetric--; and

Line 37, "calorimetric" should read --colorimetric--.

COLUMN 15

Line 39, "calorimetric" should read --colorimetric--

Line 42, "calorimetric" should read --colorimetric--;

Line 44, "calorimetric" should read --colorimetric--; and

Line 51, "calorimetric" should read --colorimetric--.

COLUMN 17

Line 57, "data o" should read --data of--.

COLUMN 18

Line 53, "calorimetric" should read --colorimetric--;

Line 55, "calorimetric" should read --colorimetric--; and

Line 56, "calorimetric" should read --colorimetric--.

MAILING ADDRESS OF SENDER:

PATENT NO. US 7,027,067 B1

FITZPATRICK, CELLA, HARPER & SCINTO 30 Rockefeller Plaza New York, New York 10112-3801 (212) 218-2100 - Telephone

(212) 218-2200 - Facsimile

OCT 1 1 2005

Form PTO 1050 (Rev. 3-82)

592645v1

No. of add'l. copies

@ 30¢ per page

Staple Here - Only!

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO.

7,027,067 B1

DATED

April 11, 2006

INVENTOR(S) :

MANABU OHGA

Page 4 of 6

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 19

Line 60, "calorimetric" should read --colorimetric--; and Line 66, "calorimetric" should read --colorimetric--.

COLUMN 20

Line 2, "calorimetric" should read --colorimetric--;

Line 6, "calorimetric" should read --colorimetric--; and

Line 13, "calorimetric" should read --colorimetric--.

COLUMN 21

Line 3, "where" should read --at--;

Line 4, "is" (first occurrence) should read --was--;

Line 61, "calorimetric" (both occurrences) should read --calorimetric--; and

Line 65, "XYz values" should read --XYZ values--.

COLUMN 23

Line 32, "an color expert." should read --color experts.--.

COLUMN 24

Line 50, "La" should read -- LA--.

COLUMN 25

Line 9, "Dd=Ds0·VD+Dd0·(1.0-VD)" should read --Dd=Dd0·VD+Dd0·VD0·(1.0-VD)--.

MAILING ADDRESS OF SENDER:

PATENT NO. <u>US 7,027,067 B1</u>

FITZPATRICK, CELLA, HARPER & SCINTO 30 Rockefeller Plaza
Navy York, Navy York, 10112, 2801

New York, New York 10112-3801

(212) 218-2100 - Telephone

(212) 218-2200 - Facsimile

Form PTO 1050 (Rev. 3-82)

DCT 1 1 2006



No. of add'l. copies

@ 30¢ per page

592645v1

Staple UNITED STATES OF THE PROPERTY OF THE PR

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO.

7,027,067 B1

DATED

April 11, 2006

INVENTOR(S) :

MANABU OHGA

Page 5 of 6

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 26

Line 28, "attains" should read --attain--.

COLUMN 27

Line 22, "of" should read --on--;

Line 42, "forward the" should read --forward and--; and "are" should read --is--; and

Line 64, "of" should read --on--.

COLUMN 28

Line 1, "method" should be deleted;

Line 19, "of" should read --on--;

Line 24, "apparatus" should read --appearance--;

Line 27, "respectively" should be deleted;

Line 41, "of" should read --on--;

Line 46, "apparatus" should read --appearance--;

Line 50, "respectively" should be deleted; and

Line 67, "of" (first occurrence) should read --on--.

COLUMN 29

Line 6, "apparatus" should read --appearance--; and Line 10, "respectively" should be deleted.

MAILING ADDRESS OF SENDER:

PATENT NO. US 7,027,067 B1

FITZPATRICK, CELLA, HARPER & SCINTO 30 Rockefeller Plaza New York, New York 10112-3801 (212) 218-2100 - Telephone (212) 218-2200 - Facsimile

No. of add'l. copies @ 30¢ per page



Staple Here PRINTER'S TRIM Only!

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO.

7,027,067 B1

DATED

April 11, 2006

INVENTOR(S) :

MANABU OHGA

Page 6 of 6

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 30

Line 10, "of" should read --on--.

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO 30 Rockefeller Plaza New York, New York 10112-3801 (212) 218-2100 - Telephone (212) 218-2200 - Facsimile

PATENT NO. <u>US 7,027,067 B1</u>

No. of add'l. copies @ 30¢ per page

Form PTO 1050 (Rev. 3-82)

7 1 200 a> ____



PATENT NO.

7,027,067 B1

DATED

April 11, 2006

INVENTOR(S) :

MANABU OHGA

Page 1 of 6

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

SHEET 19

FIG. 19, "COLORFULLNESS" should read -- COLORFULNESS--.

SHEET 21

FIG. 21, "RELACTIVE" should read -- REFRACTIVE--.

COLUMN 2

Line 47, "H) < [inverse" should read --H) \rightarrow [inverse--;

Lines 5-10, "
$$\begin{bmatrix}
X2 \\
Y2 \\
Z2
\end{bmatrix} = \begin{bmatrix}
\text{inv_Mat}
\end{bmatrix}
\begin{bmatrix}
\frac{Pw2}{Pw2} & 0 & 0 \\
0 & \frac{Qw2}{Qw1} & 0 \\
0 & 0 & \frac{Rw2}{Qw1}
\end{bmatrix}
\begin{bmatrix}
Mat
\end{bmatrix}
\begin{bmatrix}
XI \\
YI \\
ZI
\end{bmatrix}$$

(2)" should read

$$\begin{bmatrix} X2 \\ Y2 \\ Z2 \end{bmatrix} = \begin{bmatrix} \text{inv_Mat} \end{bmatrix} \begin{bmatrix} \frac{Pw2}{Pw2} & 0 & 0 \\ 0 & \frac{Qw2}{Qw1} & 0 \\ 0 & 0 & \frac{Rw2}{Rw1} \end{bmatrix} \begin{bmatrix} Mat \end{bmatrix} \begin{bmatrix} X1 \\ Y1 \\ Z1 \end{bmatrix}$$
 (2)

where--; and

Line 28, "where" should be deleted.

MAILING ADDRESS OF SENDER:

PATENT NO. <u>US 7,027,067 B1</u>

FITZPATRICK, CELLA, HARPER & SCINTO 30 Rockefeller Plaza
New York, New York 10112-3801
(212) 218-2100 - Telephone
(212) 218-2200 - Facsimile

المقدور المراجعة

No. of add'l. copies @ 30¢ per page

Form PTO 1050 (Rev. 3-82)

592645v1

PATENT NO.

7,027,067 B1

DATED

April 11, 2006

INVENTOR(S) :

MANABU OHGA

Page 2 of 6

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 4

Line 25, "calorimetric" should read --colorimetric--.

COLUMN 8

Line 17, "calorimetric" should read --colorimetric--;

Line 19, "calorimetric" should read --colorimetric--; and

Line 23, "calori-" should read --colori---.

COLUMN 9

Line 19, "calorimetric" should read --colorimetric--

Line 33, "calorimetric" should read --colorimetric--;

Line 37, "calorimetric" should read --colorimetric--; and

Line 53, "XYz" should read --XYZ--.

COLUMN 10

Line 41, "illuminance" (second occurrence) should read -- "illuminance--; and Line 42, "level 2)." should read --level 2").--.

COLUMN 11

Line 11, "calorimetric" should read --colorimetric--:

Line 16, "calorimetric" should read --colorimetric--; and

Line 20, "calori" should read --colori---.

MAILING ADDRESS OF SENDER:

PATENT NO. US 7,027,067 B1

FITZPATRICK, CELLA, HARPER & SCINTO 30 Rockefeller Plaza
New York, New York 10112-3801
(212) 218-2100 - Telephone
(212) 218-2200 - Facsimile

No. of add'l. copies @ 30¢ per page

Form PTO 1050 (Rev. 3-82)

592645v1



PATENT NO.

7,027,067 B1

DATED

April 11, 2006

INVENTOR(S) :

MANABU OHGA

Page 3 of 6

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 12

Line 32, "calorimetric" should read --colorimetric--; and Line 51, "calorimetric" should read --colorimetric--.

COLUMN 14

Line 26, "calorimetric" should read --colorimetric--

Line 29, "calorimetric" should read --colorimetric--;

Line 31, "calorimetric" should read --colorimetric--; and

Line 37, "calorimetric" should read --colorimetric--.

COLUMN 15

Line 39, "calorimetric" should read --colorimetric--

Line 42, "calorimetric" should read --colorimetric--;

Line 44, "calorimetric" should read --colorimetric--; and

Line 51, "calorimetric" should read --colorimetric--.

COLUMN 17

Line 57, "data o" should read --data of--.

COLUMN 18

Line 53, "calorimetric" should read --colorimetric--;

Line 55, "calorimetric" should read --colorimetric--; and

Line 56, "calorimetric" should read --colorimetric--.

MAILING ADDRESS OF SENDER:

PATENT NO. US 7,027,067 B1

FITZPATRICK, CELLA, HARPER & SCINTO 30 Rockefeller Plaza New York, New York 10112-3801 (212) 218-2100 - Telephone (212) 218-2200 - Facsimile

No. of add'l. copies @ 30¢ per page

Form PTO 1050 (Rev. 3-82)

592645v1



PATENT NO.

7,027,067 B1

DATED

April 11, 2006

INVENTOR(S) :

MANABU OHGA

Page 4 of 6

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 19

Line 60, "calorimetric" should read --colorimetric--; and Line 66, "calorimetric" should read --colorimetric--.

COLUMN 20

Line 2, "calorimetric" should read --colorimetric--;

Line 6, "calorimetric" should read --colorimetric--; and

Line 13, "calorimetric" should read --colorimetric--.

COLUMN 21

Line 3, "where" should read --at--;

Line 4, "is" (first occurrence) should read --was--;

Line 61, "calorimetric" (both occurrences) should read --calorimetric--; and

Line 65, "XYz values" should read --XYZ values--.

COLUMN 23

Line 32, "an color expert." should read --color experts.--.

COLUMN 24

Line 50, "La" should read --LA--.

COLUMN 25

Line 9, "Dd=Ds0·VD+Dd0·(1.0-VD)" should read --Dd=Dd0·VD+Dd0·VD0·(1.0-VD)--.

MAILING ADDRESS OF SENDER:

PATENT NO. <u>US 7,027,067 B1</u>

FITZPATRICK, CELLA, HARPER & SCINTO 30 Rockefeller Plaza
New York, New York 10112-3801
(212) 218-2100 - Telephone
(212) 218-2200 - Facsimile

No. of add'l. copies @ 30¢ per page

Form PTO 1050 (Rev. 3-82)



PATENT NO.

7,027,067 B1

DATED

April 11, 2006

INVENTOR(S) :

MANABU OHGA

Page 5 of 6

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 26

Line 28, "attains" should read --attain--.

COLUMN 27

Line 22, "of" should read --on--;

Line 42, "forward the" should read --forward and--; and "are" should read --is--; and

Line 64, "of" should read --on--.

COLUMN 28

Line 1, "method" should be deleted;

Line 19, "of" should read --on--;

Line 24, "apparatus" should read --appearance--;

Line 27, "respectively" should be deleted;

Line 41, "of" should read --on--;

Line 46, "apparatus" should read --appearance--;

Line 50, "respectively" should be deleted; and

Line 67, "of" (first occurrence) should read --on--.

COLUMN 29

Line 6, "apparatus" should read --appearance--; and

Line 10, "respectively" should be deleted.

MAILING ADDRESS OF SENDER:

PATENT NO. <u>US 7,027,067 B1</u>

FITZPATRICK, CELLA, HARPER & SCINTO 30 Rockefeller Plaza New York, New York 10112-3801 (212) 218-2100 - Telephone (212) 218-2200 - Facsimile

No. of add'l. copies @ 30¢ per page

Form PTO 1050 (Rev. 3-82)

592645v1



PATENT NO.

7,027,067 B1

DATED

April 11, 2006

INVENTOR(S) :

MANABU OHGA

Page 6 of 6

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 30

Line 10, "of" should read --on--.

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO 30 Rockefeller Plaza New York, New York 10112-3801 (212) 218-2100 - Telephone

(212) 218-2200 - Facsimile

Form PTO 1050 (Rev. 3-82)

592645v1

PATENT NO. <u>US 7,027,067 B1</u>

No. of add'l. copies @ 30¢ per page